

PATENT COOPERATION TREATY
IN THE RECEIVING OFFICE (RO/US)

PCT

**RESPONSE TO INTERNATIONAL
SEARCH REPORT - ABSTRACT
RULE 38.2(B)**

To:

Mail Stop PCT
Commissioner for Patents
ATTN: RO/US
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant's or agent's file reference:

51328-00001

International application No.

PCT/US04/31202

International Filing date (day/month/year)

**22 September 2004
(22.09.2004)**

Priority date (day/month/year)

**23 September 2003
(23.09.2003)**

Applicant

EPINEX DIAGNOSTICS, INC.

Title of invention **RAPID TEST FOR GLYCATED ALBUMIN**

Dear Sir/Madam:

This is in response to the PCT International Search Report, Item No. 5, with regard to the Abstract, according to Rule 38.2(b).

Applicant respectfully submits an amended Abstract of which a Replacement Sheet is attached.

Respectfully submitted,


Louis C. Cullman, Reg. No. 39,645


Dated

CERTIFICATE OF EXPRESS MAIL/FACSIMILE

FACSIMILE/EXPRESS MAIL NUMBER: **703-305-3230**

DATE: **27 JAN 2005**

PAGES: **2**

I HEREBY CERTIFY THAT THIS PAPER (ALONG WITH ANY PAPER REFERRED TO AS BEING ATTACHED OR ENCLOSED) IS BEING FORWARDED VIA FACSIMILE/MAIL TO THE RECEIVING OFFICE (RO/US) ON THE DATED INDICATED.



Maria Nadal

A rapid immunochromatographic assay system is provided for measuring the amount of glycated albumin in a blood sample relative to the total level of albumin in the sample. The assay system is comprised of a disposable cassette that contains the test strips and testing reagents, and a measurement device that automatically reads, calculates and displays the test results over a period of time. The test cassette contains two test strips that are used to measure glycated albumin and total albumin respectively. The strips are contiguous beneath the single sample application well so that the same sample is tested simultaneously by both test strips. Part of the sample will migrate thru the glycated albumin test strip where it will react with the glycated albumin test reagents to yield a glycated albumin result, while part of the sample will migrate thru the total albumin test strip where it will react with the total albumin test reagents to yield a total albumin result.

The test cassette is placed within a measuring device such as a reflectance spectrometer or fluorometer, that reads, calculates and expresses the result as the percentage of glycated albumin relative to total albumin in the sample. The results of successive testing that are performed over a period of time are stored in the instrument's memory and displayed in a numerical or graphical format so that the individual's glycated albumin levels can be monitored over time.